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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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41093

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52054 7590 11/21/2008
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EXAMINER

AURORA, REENA

ART UNIT

PAPER NUMBER

2862

NOTIFICATION DATE

DELIVERY MODE

11/21/2008

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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DETAILED ACTION

This application is in condition for allowance except for the following formal matters:

Claim Objections

Claims 16 is objected to because of the following informalities: Line 7, delete “,” after the word “collection”. Appropriate correction is required.

Claims 25 is objected to because of the following informalities: Lines 4 and 5, the phrase “method described in claim” is incomplete. Applicant is suggested to insert the claim number. Appropriate correction is required.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 25 USPQ 74, 453 O.G. 213, (Comm’r Pat. 1935).

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Allowable Subject Matter

The following is a statement of reasons for the indication of allowable subject matter: As to claims 16 – 28, the prior art fails to show a beam measuring device comprising a plurality of magnetic field sensors, arranged in a shielding space which is formed by the magnetic shielding part, the magnetic field sensors measuring a magnetic field which a beam current to be measured generates; wherein the magnetic field collection mechanisms are arranged such that a superconductive surface shielding

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current is concentrated on a predetermined region by interrupting the superconductive surface shielding current except for a predetermined region on a superconductive surface of the magnetic field collection mechanisms; wherein the magnetic field collection mechanism includes a bridge portion which has only a portion thereof constituted of a high-temperature superconductive body on an outer peripheral portion; and wherein the magnetic field collection mechanism concentrates a superconductive surface shielding current which the beam current generates in the vicinity of a plurality of magnetic field sensors. These features taken together with the other limitations of the claim renders the claims allowable over prior art.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Reena Aurora whose telephone number is 571-272-2263. The examiner can normally be reached on Monday - Friday, 7:00 - 3:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, P. Assouad can be reached on 571-272-2210. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Reena Aurora
/Reena Aurora/
Primary Examiner, Art Unit 2862